(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 18 August 2005 (18.08.2005)

PCT

(10) International Publication Number WO 2005/075199 A1

(51) International Patent Classification7:

B41F 17/00

(21) International Application Number:

PCT/IT2094/000127

(22) International Filing Date: 16 March 2004 (16.03.2004)

(25) Filing Language:

Italian

(26) Publication Language:

English

(30) Priority Data: PCT/TT2004/000042

6 February 2004 (06.02.2004)

- (71) Applicant (for all designated States except US): OR-LANDI S.p.A. [IT/IT]; Via Gesu', 21, I-20121 Milano (II).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ORLANDI, Vittorio [IT/IT]; c/o Orlandi S.p.A., Via Gesu', 21, I-20121 Milano
- (74) Agents: GIUGNL, Diego et al.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BK, BW, BY, BZ, ÇA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FL, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, IF, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ OM, ÞG, PH, PL, PT, RO, RW, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, QG, YS, VZ, VØ, VN, YV, ZA, ZM,

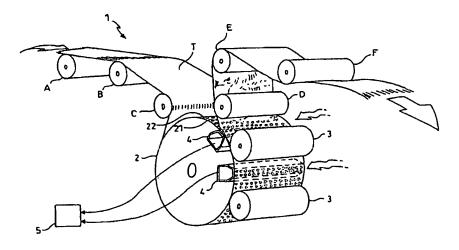
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KÉ, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, JT, LU, MC, NL, PL, PT, RO, SE, SL, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS AND EQUIPMENT FOR PRINTING ON NON-WOVEN-FABRIC



(57) Abstract: The present invention relates to a process and equipment (1) for creating prints on non-woven-fabric and, particularly, relates to a process and to equipment (1) which allows the creation of colour prints on non-woven fabrics at high speed whilst at the same time maintaining optimal print quality on wet or dry product, either in-line with production or off-line. The NWF may be printed over only a small percentage with respect to its surface (2-3%) up to a coverage of 100% of its surface, depending on the use of the NWF itself, i.e.: personal hygiene, domestic hygiene, matting, non-woven fabric for clothing, table-cloths, handkerchiefs, curtains (furnishings), bags, containers for items.